



RISER DIAGRAM
STAGE III STEP ④ - SEE DWG. #E-6

SCHEDULE - STAGE III, STEP (H) - TRANSFER LOADS TO BUS #1, 2 & E

LOAD OUTAGES - SEE NOTE #5
* = CATEGORY "A" OR "B"

CONDUIT DESIGNATION

- BANK ELEVATORS -

R-4

NORMAL FEEDER TO BUS #EL

a.

INSTALL R-4 CDT & WIRE FROM SWGR. BUS #1 TO BUS #EL VIA TRANSFER SWITCH (ENERGIZE)

A-3

EMERG. FEEDER TO BUS #EL

a.

CUT EXIST. CDT A-2 (2 CDT'S) & REMOVE BACK TO EXIST. SWGR.

b.

INSTALL COT A-3 FROM TRANSFER SWITCH TO ONE EXIST. A-2 CDT. & CONNECT. (CAP SECOND A-2 CDT.)

c.

INSTALL FDR A-3 FROM TRANSFER SWITCH VIA P.B.#1 TO EXIST. PNL A-2, USING CDT. (A-2).

d.

DISCONNECT EXIST. FDR'S ONE TO EACH NORTH & SOUTH SUBSTATION

e.

REMOVE EXIST. DOUBLE LUG & INSTALL TRIPPLE LUGS PER PHASE AT PNL EP-75C. CONNECT FDR'S, 3 AT PANEL AND ONE AT TRANSFER SWITCH (ENERGIZE)

C

CONTROL FOR BANK ELEVATORS

a.

DISCONNECT EXIST. AND CONNECT CONTROL WIRING DESIGNATED $\langle 2 \rangle$ ON DWG #E-98.

R-13

BANK "D" FEEDS.

a.

CUT EXIST. CDT. L-BT & REMOVE BACK TO EXIST. SWGR.

b.

INSTALL CDT R-13 FROM BUS #EL TO EXIST. COT. L-BT & CONNECT.

c.

INSTALL FDR R-13 FROM BUS #EL TO P.B.#2 LEAVING SLACK FOR PULL TO PNL #EL-A7B.

d.

DISCONNECT & REMOVE EXIST. FDR R-13 BACK TO SWGR

e.

PULL FOR R-13 FROM P.B.#2 TO PNL #EL-A7B. (ENERGIZE)

R-10

BANK "A" FEED

a.

CUT EXIST. CDT R-11 & REMOVE BACK TO EXIST. SWGR.

b.

INSTALL CDT R-10 FROM BUS #EL TO ONE EXIST. CDT. (R-11) & CONNECT.

c.

INSTALL FDR R-10 FROM BUS #EL TO P.B. #1.

d.

CUT EXIST. FDR. (R-10) IN P.B. #1 AND SPLICE TO LOAD SIDE. (ENERGIZE)

e.

REMOVE EXIST. FDR R-10 BACK TO SWGR.

R-11

BANK "F" FEED

a.

CUT EXIST. CDT. R-12 & REMOVE BACK TO EXIST. SWGR.

b.

INSTALL CDT. R-11 FROM BUS #EL TO EXIST. CDT. (R-12) & CONNECT.

c.

INSTALL FDR. R-11 FROM BUS #EL TO P.B. #1.

d.

CUT EXIST. FDR. R-11 IN P.B. #1 AND SPLICE TO LOAD SIDE. (ENERGIZE)

e.

REMOVE EXIST. FDR R-11 BACK TO SWGR.

R-12

BANK "C" FEED

a.

CUT EXIST. CDT. R-13 & REMOVE BACK TO EXIST. SWGR.

b.

INSTALL CDT R-12 FROM BUS #EL TO EXIST. CDT. (R-13) & CONNECT

c.

INSTALL FDR R-12 FROM BUS #EL TO P.B. #1.

d.

CUT EXIST. FDR R-12 IN P.B. #1 AND SPLICE TO LOAD SIDE. (ENERGIZE)

e.

REMOVE EXIST. FDR R-12 BACK TO SWGR.

R-4

DISCONNECT EXIST. ELEVATOR TRANSFER SWITCH (A-3)

a.

REMOVE FDR R-4 FROM EXIST. SWGR TO TRANSF. SW.

b.

REMOVE FDR A-3 FROM PNL EP-75C TAP TO EXIST. TRANSF SW VIA P.B. #1

C

CONTROL FOR BANK ELEVATORS

a.

DISCONNECT & REMOVE CONTROL WIRING FROM EXIST. TERMINAL C-222 TO EXIST. TRANSFER SWITCH. DESIGNATED $\langle 2 \rangle$ ON DWG #E-98

R-8

PONYA COMPUTER A/C

a.

CUT EXIST. CDT. X-3 BETWEEN P.B. #1 AND SUBSTATION. REMOVE BACK TO SUBSTATION

b.

INSTALL CDT R-8 FROM SWGR. BUS #1 TO EXIST. (X-3) CDT. AND CONNECT.

c.

CUT EXIST. CDT. X-3 BETWEEN P.B. #1 & P.B. #5. REMOVE BACK TO P.B. #5.

d.

INSTALL CDT. R-8 FROM P.B. #3 TO EXIST. (X-3) CDT. & CONNECT

e.

INSTALL FDR R-8 FROM SWGR. BUS #1 TO P.B. #3 VIA P.B. #1

f.

CUT EXIST. FDR R-8 IN P.B. #3 & REMOVE BACK TO EXIST. SWGR

g.

SPLICE TO EXIST. FDR (R-8) IN P.B. #3 (ENERGIZE)

R-9

PONYA TRANSFER SWITCH

a.

INSTALL R-9 CDT & WIRE FROM SWGR. BUS #2 TO TRANSFER SWITCH.

b.

DISCONNECT EXIST. & CONNECT FDR R-9 AT TRANSFER SWITCH. (ENERGIZE)

c.

REMOVE EXIST. FDR R-9 BACK TO SWGR.

R-5

MOTOR CONTROL CENTER MCC-N-75R

a.

INSTALL R-5 CDT & WIRE FROM SWGR. BUS #2 TO MCC-N-75R VIA P.B. #7

b.

DISCONNECT EXIST. & CONNECT FDR R-5 AT MCC-N-75R (ENERGIZE)

c.

REMOVE EXIST. FDR BACK TO SWGR.

R-BT

EMERGENCY LITG.

a.

CUT EXIST. CDT X-4 & REMOVE BACK TO SUBSTATION

b.

INSTALL CDT R-BT FROM SWGR. BUS #2 TO CDT. (X-4) & CONNECT.

c.

INSTALL FDR R-BT FROM SWGR. BUS #2 TO P.B. #1.

d.

CUT EXIST. FDR R-BT IN P.B. #1 & REMOVE BACK TO EXIST. SWGR.

e.

SPLICE TO EXIST. FDR (R-BT) IN P.B. #1 (ENERGIZE)

R-3

WATER SUPPLY PUMPS

a.

REMOVE CAP DN EXIST. CDT. R-13 PREVIOUSLY REMOVED WITH R-10.

b.

INSTALL CDT R-3 FROM SWGR BUS #2 TO EXIST. (R-13) CDT & CONNECT

c.

INSTALL FDR R-3 FROM SWGR. BUS #2 TO P.B. #2 VIA P.B. #1

d.

CUT EXIST. FDR R-3 IN P.B. #2 & REMOVE BACK TO EXIST. SWGR.

e.

SPLICE TO EXIST. FDR (R-3) IN P.B. #2. (ENERGIZE)

1-6

PANEL DP-75H

a.

INSTALL 1-6 CDT. & WIRE FROM SWGR. BUS #1 TO PNL DP-75H.

b.

DISCONNECT TEMPORARY & CONNECT FDR. 1-6 AT PANEL. (ENERGIZE)

c.

REMOVE TEMP. FDR. BACK TO SWGR.

d.

INSTALL REMAINDER OF CDT'S IN PANEL DP-75H.

R-2b

480/277V. ELEC CLOS "N" 77th TO 92nd FLR'S FUTURE RUN 85th TO 92nd FLR'S

a.

INSTALL BUSWAY R-2b FROM SWGR. BUS #2 TO END CAP & "I" TO EXISTING BUSWAY R-2

b.

DISCONNECT EXIST. BUSWAY R-2 AND REMOVE BACK TO EXIST. SWGR.

c.

INSTALL BUSWAY TRANSITION BOX ON EXISTING BUSWAY & CONNECT BUSWAY R-2b. (ENERGIZE)

R-2a

480/277V. ELEC CLOS "N" FUTURE RUN 77th TO 84th

a.

INSTALL BUSWAY R-2a FROM SWGR. BUS #1 TO CAP. 208/120V. TRANSF. ELEC CLOS "N" 77-92nd FLR'S SEE RISER DIAGRAM STAGE III STEP (L) & (M). DWG #E-46

R-1

SEE NOTE * #3